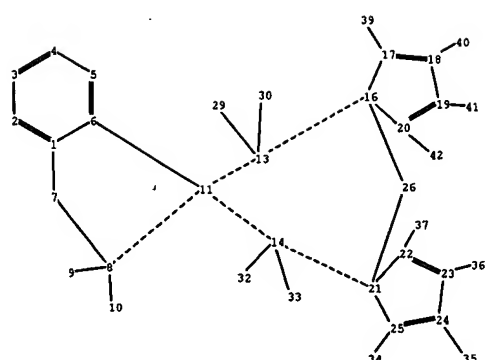
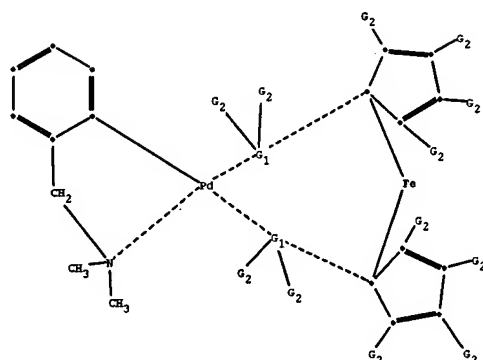


EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	900	"514/492".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 18:49
S2	1230	"556/136".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 18:45
S3	633	S1 and @ad<="20030822"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 18:50
S4	580	S2 and @ad<="20030822"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 18:50
S5	66	S3 and palladium	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/01 13:32
S6	221	S4 and palladium	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 18:51
S7	1	((("ANTONIO CARLOS FAVERO") near2 (CAIRES)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 19:04
S8	1	((("ANTONIO CARLOS FAVERO") near2 (CAIRES)).INV.	EPO; JPO; DERWENT	OR	ON	2006/11/16 19:04
S9	1	((("CLAUDIA) near2 (TRINDADE)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 19:05
S10	1	((("CLAUDIA) near2 (TRINDADE)). INV.	EPO; JPO; DERWENT	OR	ON	2006/11/16 19:05
S11	1	((("IVARNE) near2 (TERSARIOL)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 19:05
S12	1	((("IVARNE) near2 (TERSARIOL)). INV.	EPO; JPO; DERWENT	OR	ON	2006/11/16 19:05
S13	1	("5880149").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/01 12:53
S14	3	("5880149").URPN.	USPAT	OR	ON	2007/10/01 12:56
S15	5	ferrocenyl?phosphine near2 ligand?	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/01 13:33

EAST Search History

S16	5	ferrocenyl?phosphine near2 ligand?	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/01 13:38
S17	2	(diphenylphosphine)near2 ferrocene near2 ligand?	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/01 13:39
S18	16	\$8phosphine near2 ferrocene near2 ligand?	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/01 13:40



chain nodes :

9 10 29 30 32 33 34 35 36 37 39 40 41 42

ring nodes :

1 2 3 4 5 6 7 8 11 13 14 16 17 18 19 20 21 22 23 24 25 26

chain bonds :

8-9 8-10 13-29 13-30 14-32 14-33 17-39 18-40 19-41 20-42 22-37 23-36 24-35 25-34

ring bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 6-11 7-8 8-11 11-13 11-14 13-16 14-21 16-17 16-20 16-26
17-18 18-19 19-20 21-22 21-25 21-26 22-23 23-24 24-25

exact/norm bonds :

1-7 6-11 7-8 8-9 8-10 8-11 11-13 11-14 13-16 13-29 13-30 14-21 14-32 14-33 16-17 16-20
16-26 17-18 17-39 18-19 18-40 19-20 19-41 20-42 21-22 21-25 21-26 22-23 22-37 23-24
23-36 24-25 24-35 25-34

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:N,P,As,Bi,Sb

G2:H,OH,SH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,PhO,NH,NH2,NO2,X,A

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS10:CLASS11:Atom 13:Atom
14:CLASS

16:CLASS17:CLASS18:CLASS19:CLASS20:CLASS21:Atom 22:Atom 23:Atom 24:Atom
25:Atom 26:Atom 29:CLASS30:CLASS32:CLASS33:CLASS34:CLASS35:CLASS36:CLASS37:CLASS
39:CLASS40:CLASS41:CLASS42:CLASS

10/525781 Pd CMPDS

=>

Uploading C:\Program Files\Stnexp\Queries\2007 cases\10525781\dmpa.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 .STR

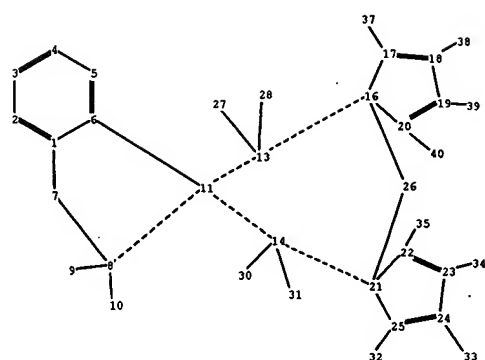
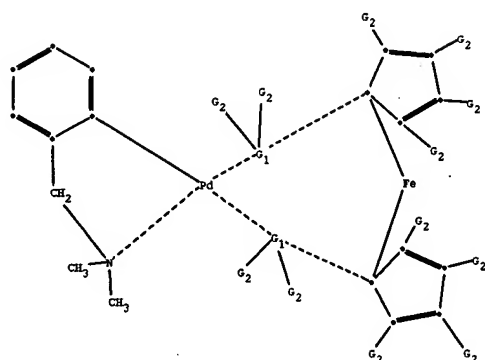
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

STRUCTURE TOO LARGE - SEARCH ENDED

A structure in your query is too large. You may delete attributes or atoms to reduce the size of the structure and try again.



chain nodes :

9 10 27 28 30 31 32 33 34 35 37 38 39 40

ring nodes :

1 2 3 4 5 6 7 8 11 13 14 16 17 18 19 20 21 22 23 24 25 26

chain bonds :

8-9 8-10 13-27 13-28 14-30 14-31 17-37 18-38 19-39 20-40 22-35 23-34 24-33 25-32

ring bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 6-11 7-8 8-11 11-13 11-14 13-16 14-21 16-17 16-20 16-26
17-18 18-19 19-20 21-22 21-25 21-26 22-23 23-24 24-25

exact/norm bonds :

1-7 6-11 7-8 8-9 8-10 8-11 11-13 11-14 13-16 13-27 13-28 14-21 14-30 14-31 16-17 16-20
16-26 17-18 17-37 18-19 18-38 19-20 19-39 20-40 21-22 21-25 21-26 22-23 22-35 23-24
23-34 24-25 24-33 25-32

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:N,P,As,Bi,Sb

G2:H,X,A,OH,NO2

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS10:CLASS11:Atom 13:Atom
14:CLASS

16:CLASS17:CLASS18:CLASS19:CLASS20:CLASS21:Atom 22:Atom 23:Atom 24:Atom
25:Atom 26:Atom 27:CLASS28:CLASS30:CLASS31:CLASS32:CLASS33:CLASS34:CLASS35:CLASS
37:CLASS38:CLASS39:CLASS40:CLASS

10/525781 Pd CMPDS

=>

Uploading c:\Program Files\Stnexp\Queries\2007 cases\10525781\dmpa.- G2 trimmed down

L2 STRUCTURE UPLOADED

=> d 12

L2 HAS NO ANSWERS

L2 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 12

SAMPLE SEARCH INITIATED 14:06:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 30 TO ITERATE

100.0% PROCESSED 30 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 272 TO 928

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> s 12 sss full

FULL SEARCH INITIATED 14:06:44 FILE 'REGISTRY'

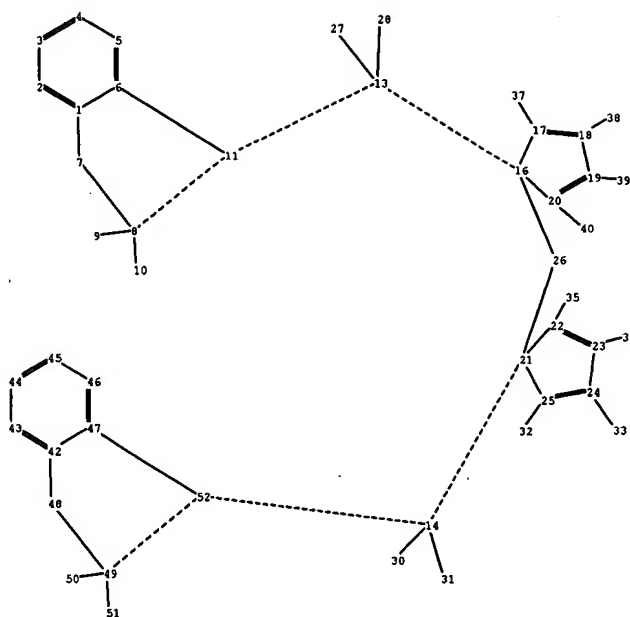
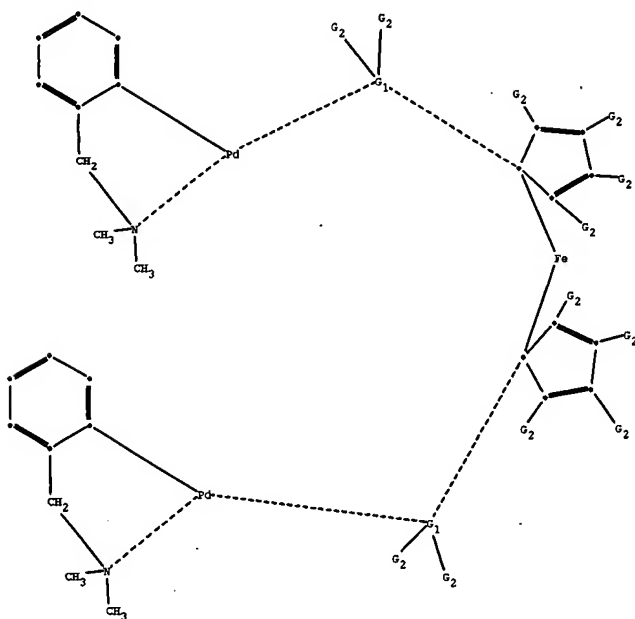
FULL SCREEN SEARCH COMPLETED - 614 TO ITERATE

100.0% PROCESSED 614 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L2



chain nodes :

9 10 13 14 26 27 28 30 31 32 33 34 35 37 38 39 40 50 51

ring nodes :

1 2 3 4 5 6 7 8 11 16 17 18 19 20 21 22 23 24 25 42 43 44 45 46 47 48 49 52

chain bonds :

8-9 8-10 11-13 13-16 13-27 13-28 14-31 14-21 14-30 14-52 16-26 17-37 18-38 19-39 20-40
21-26 22-35 23-34 24-33 25-32 49-50 49-51

ring bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 6-11 7-8 8-11 16-17 16-20 17-18 18-19 19-20 21-22 21-25
22-23 23-24 24-25 42-43 42-47 42-48 43-44 44-45 45-46 46-47 47-52 48-49 49-52

exact/norm bonds :

1-7 6-11 7-8 8-11 11-13 13-16 13-27 13-28 14-31 14-21 14-30 14-52 16-17 16-20 17-18
17-37 18-19 18-38 19-20 19-39 20-40 21-22 21-25 22-23 22-35 23-24 23-34 24-25 24-33
25-32 42-48 47-52 48-49 49-52

exact bonds :

8-9 8-10 16-26 21-26 49-50 49-51

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 42-43 42-47 43-44 44-45 45-46 46-47

G1:N,P,As,Bi,Sb

G2:H,X,A,OH,NO2

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS10:CLASS11:Atom 13:Atom
14:CLASS16:CLASS17:CLASS18:CLASS19:CLASS20:CLASS21:Atom 22:Atom 23:Atom 24:Atom
25:Atom 26:Atom 27:CLASS28:CLASS30:CLASS31:CLASS32:CLASS33:CLASS34:CLASS35:CLASS
37:CLASS38:CLASS39:CLASS40:CLASS42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom 48:Atom
49:Atom 50:CLASS51:CLASS52:Atom

10/525781 Pd CMPDS

Uploading C:\Program Files\Stnexp\Queries\2007 cases\10525781\dmpa dimer.str

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 14:11:17 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 sss full

FULL SEARCH INITIATED 14:11:25 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 23 TO ITERATE

100.0% PROCESSED 23 ITERATIONS

SEARCH TIME: 00.00.01

0 ANSWERS

L7 0 SEA SSS FUL L5

10/525781 Pd CMPDS str search using dmpa

=> d his

(FILE 'HOME' ENTERED AT 13:56:35 ON 06 SEP 2007)

L1 FILE 'REGISTRY' ENTERED AT 13:56:42 ON 06 SEP 2007
STRUCTURE UPLOADED

FILE 'STNGUIDE' ENTERED AT 13:59:22 ON 06 SEP 2007

L2 FILE 'REGISTRY' ENTERED AT 14:06:02 ON 06 SEP 2007
STRUCTURE UPLOADED

L3 0 S L2

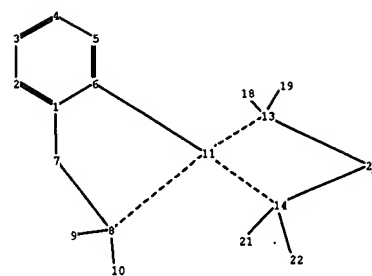
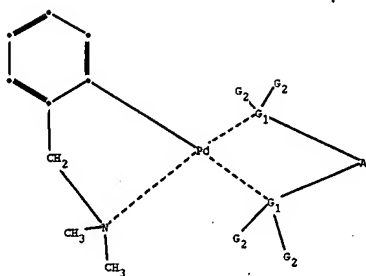
L4 0 S L2 SSS FULL

FILE 'STNGUIDE' ENTERED AT 14:07:28 ON 06 SEP 2007

L5 FILE 'REGISTRY' ENTERED AT 14:10:20 ON 06 SEP 2007
STRUCTURE UPLOADED

L6 0 S L5

L7 0 S L5 SSS FULL



chain nodes :

9 10 18 19 21 22

ring nodes :

1 2 3 4 5 6 7 8 11 13 14 23

chain bonds :

8-9 8-10 13-19 13-18 14-22 14-21

ring bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 6-11 7-8 8-11 11-13 11-14 13-23 14-23

exact/norm bonds :

1-7 6-11 7-8 8-9 8-10 8-11 11-13 11-14 13-19 13-18 13-23 14-22 14-21 14-23

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:N,P,As,Bi,Sb

G2:H,OH,SH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,PhO,NH,NH2,NO2,X,A

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS10:CLASS11:Atom 13:Atom 14:CLASS18:CLASS19:CLASS21:CLASS22:CLASS23:Atom

10/525781 Pd CMPDS str search using dmpa

=>

Uploading C:\Program Files\Stnexp\Queries\2007 cases\10525781\dmpa without
ferrocene.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

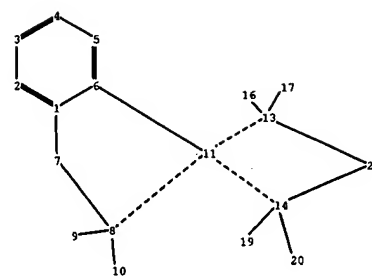
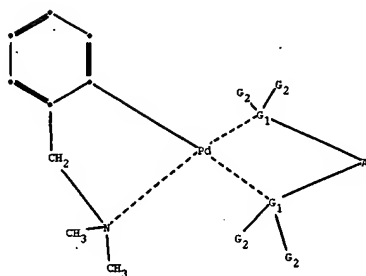
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1

STRUCTURE TOO LARGE - SEARCH ENDED

A structure in your query is too large. You may delete
attributes or atoms to reduce the size of the structure
and try again.



chain nodes :

9 10 16 17 19 20

ring nodes :

1 2 3 4 5 6 7 8 11 13 14 21

chain bonds :

8-9 8-10 13-17 13-16 14-20 14-19

ring bonds :

1-2 1-6 1-7 2-3 3-4 4-5 5-6 6-11 7-8 8-11 11-13 11-14 13-21 14-21

exact/norm bonds :

1-7 6-11 7-8 8-9 8-10 8-11 11-13 11-14 13-17 13-16 13-21 14-20 14-19 14-21

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:N,P,As,Bi,Sb

G2:H,NH2,NO2,A,Cb,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS10:CLASS11:Atom 13:Atom 14:CLASS16:CLASS17:CLASS19:CLASS20:CLASS21:Atom